

Stage Lake News.

nters for Students
ho Enter the Min-
ing School.

ce on New Year's Eve.

ll Be Given at the Club House
the Outgoing Yacht Club—
Other News.

Following are qualifications re-
of students desiring to enter the
Mining School: Students may
in 1897 under the conditions of
the 1897-98, which will be
of 1892-94, which will be
on request. Students who desire
as candidates for degrees, or to
special studies, are admitted under
system by examination on
or special certificate or on pre-
of evidence that they are pre-
to follow the special studies they
with profit. A graduate of a high
or academy will be admitted on
of his diploma, provided the
from which he receives it complies
the following conditions: It must
course of instruction including all
embraced in the Mining School's
ments for admission by examina-
in addition to other studies that
may deem it advisable for its stu-
to follow. It is to send to the pres-
of the Mining School a copy of the
of study list of text books em-
and copies of examination papers
used in the school's examina-
If these are satisfactory the
will be placed on the diploma list
Mining School and its students
admitted without examination.
Student then admitted should prove
immediately prepared he will be ex-
from the Mining School until the
is made up, and the school re-
sponsible for his deficient preparation
stricken from the Mining School's
This list will be shortly published
added to from time to time as occa-
sions demand. The first term of 1897
opens Monday, January 11, at the
of the holiday vacation.

There will be a social hop at the Out-
going yacht club house, on New Year's
evening, December 31. It was at first intend-
ed to have the hop New Year's night, but
found impossible to secure the
for that evening. The invitation
members says, arrangements have
made for stages for transportation,
Hancock and return at 30 cents for
person, and from Houghton and re-
at 25 cents for each person. Stages
all for those attending from Han-
who will leave word by telephone or
at Thomas Coughlin's livery
and for those attending from
Houghton who will notify E. J. Bassett's
Stages will leave Hancock and
Houghton at 7:30. Beyond making the
arrangements the house committee as-
sumes no responsibility and fares should
be paid direct with the stages.
Slices of sandwiches and coffee will
be served by the stewards from 10 to
12 o'clock, at 25 cents for each person.
JAMES H. DRE, Chairman.

The community was shocked Saturday
morning by the death of a young man, of
Jostinton, a well known and highly re-
spected young man, of diphtheria. He
was ill for two weeks, so that when
he died he developed only a couple of
days before his death he was too much
down to withstand its ravages. For
three years since his return from
Houghton he has been employed by his
father in the large hardware establishment
on Broadway street. He had in that short
time mastered the business and became
well identified with it as the man
whom everyone knew. He was liked
and respected by business friends and
with whom he came in contact so
and his untimely death cast a
gloom over the whole town. The funeral
service was held Saturday afternoon
at 4 o'clock.

Next entertainment of the Y. M. C. A.
will be on January 20, a reading
of Byron W. King. This number,
than any other of the course, has
looked forward to by subscribers to
the tickets, and there are a great
many who have not the season tickets,
will desire to hear Prof. King, re-
turning with the greatest pleasure,
visit here. On the 25th of
January Prof. King will lecture on "All
World's a Stage," and this will be an
regular ticket holders as it was
since the tickets were sub-
mitted.

James H. Carroll was taken with a
sudden attack of heart trouble, to which
he had been subject some time, in his
late Thursday evening. A physi-
cian's attendance was necessary for two
days, before he could be removed home,
now recovering nicely.

The report of the condition of the Na-
tional Bank of Houghton at the close of
business December 17, shows loans and
discounts amounting to \$726,994 and
total resources of \$1,406,332. The in-
dividual deposits amounted to \$1,077,789.
The undivided profits were \$33,436. This
is a showing that it is doubtful a bank in
a town of equal size in the State can
equal.

Grace M. E. Sunday school had a
Christmas entertainment at the church
Saturday evening which proved a very
enjoyable occasion. A program of re-
citations and songs was rendered by a
number of the scholars.

A very apparent lay off was taken in
all places of business Saturday. Whether
it was the change from the holiday rush
or what that seemed to make the dif-
ference from ordinary Saturday's can only
be guessed.

A small party of Hancock young peo-
ple will drive to Lake Linden this even-
ing to be present at the leap year party.

Joe Seifert, of the D., S. S. & A. au-
ditor's office, Marquette, spent Christmas
and Sunday with Houghton relatives.

Frank Haun, of Dollar Bay, is so much
better as to be able to sit up a portion
of the day.

Senator O. W. Robinson and family
will leave tomorrow for Lansing.

ADDITIONAL LOCAL NEWS.

Do not forget that you can buy a
trimmed hat for \$1 at Miss White's.

Overcoats at \$4.50, worth \$9.50; chil-
dren's suits, from 4 to 14 years at \$1.50,
worth \$3.50; black suits at \$2.25, worth
\$4.50. M. GITTLE.

The Best We Have.

Insist on getting a "La Endresse"
10-cent cigar. All first-class dealers sell
them, try 'em, like 'em. Equal to im-
ported.

Owing to the rush at the holiday ses-
son, Mr. Joseph James, the pop manu-
facturer, would be obliged to his many
customers if they would get in their
orders as soon as possible.

Peter Pera & Co.'s California Wine
Cellar.

We have just received direct from Flo-
rence, Italy, a great assortment of wines,
also a lot from California. We have all
kinds of wines and we are ready to serve
our customers for the holidays.

Bucklen's Arnica Salve.

The best salve in the world for cuts,
bruises, sores, ulcers, salt rheum, fever
sores, tetter, chapped hands, chilblains,
corns, and all skin eruptions, and pos-
sibly cures piles, or no pay required. It
is guaranteed to give perfect satisfaction,
or money refunded. Price, 25 cents per
box. For sale by D. T. Macdonald.

To Mine Owners and Timber Con- tractors.

For sale, in Keweenaw county, about
750 acres of land, the standing timber
being cedar, hemlock and Norway.
Part of this land is on the shores of Lake
Superior and about four miles from Boll-
mann's lumber railroad. For particu-
lars apply at the News office.

Notice to Taxpayers of Calumet Town- ship.

Having had the tax roll placed in my
hands for collection, I shall, for the con-
venience of taxpayers, attend at the
Merchants' & Miners' Bank, during office
hours, every Tuesday and Friday in the
present month of December for the
purpose of receiving the same. As New
Year's day falls on a Friday, I shall that
week attend on the previous day.

WILLIAM WAILES,
Treasurer of Calumet Township.

Estey, Camp, Arion and Decker Bros. Pianos.

James Glanville, agent for the above
celebrated pianos, has just received a
new and large consignment, which he in-
vites the public to call and inspect. For
richness of tone and workmanship these
pianos cannot be excelled. Six months'
lessons given free to every purchaser of a
instrument, by one of the best music
teachers in the city. Also agent for the
famous White sewing machine, sold on
easy payments. Store on North Fifth
street.

Adam Schast Pianos.

Highly ornamented cases, double ven-
ered inside and out. Made in all the
fancy woods: rosewood, plain mahogany,
fancy mahogany, figured mahogany,
oak, walnut, birch, Hungarian ash and
bird's eye maple. High-grade in every
particular. Every instrument warranted
for five years. Prices \$235, \$245, \$255,
\$265 and \$275. A handsome stool and
scarf, worth \$12, given away with each
instrument. Terms cash or time pay-
ments.

J. D. KINNEY, 507 Oak street.

California Wines From the Italian Swiss Colony.

This wine is pure and has no adulter-
ation with alcoholic substances. It is re-
commended by physicians to conva-
lescents and to sick people and it is highly
praised by connoisseurs for its purity
and excellence for table use. It helps di-
gestion, strengthens the system and does
not inebriate. Prices very moderate.
To convince yourself call at the Califor-
nia wine cellar in Sixth street, Red
Jacket or write for a sample gallon to
P. Pera & Co., box 363, Calumet.

ADVANCE IN SURGERY

HOW IT DIFFERS NOW FROM WHAT IT
WAS FIFTY YEARS AGO.

The Horror of the Knife Up to the Dis-
covery of Anesthesia—Danger as Well
as Pain in the Operation—First Use of
Ether by Dr. William T. G. Morton.

One of the most interesting papers
read at the celebration in Boston of the
fiftieth anniversary of the first adminis-
tration of ether in a surgical operation,
says the Philadelphia Record, was that
by Dr. John Ashburt of this city on
"Surgery Before the Days of Anesthesia."
It vividly recalls the horrors of
those days when the surgeon's knife was
an object of far greater terror than now
and inflicted untold tortures upon the
conscious patient.

"A study of the condition of surgery
before the days of anesthesia," said Dr.
Ashburt, "reveals on the one hand a
picture of heroic boldness and mastery
self control on the part of the surgeon,
and on the other a ghastly panorama,
sometimes of stoic fortitude and endur-
ance, sometimes of abject terror and hu-
miliation—but always of agonizing
wretchedness and pain—on the part of
the unhappy victim who required the
surgeon's aid.

"The pitilessness" which Cicero urged
as an essential trait in the operative sur-
geon was, before the days of anesthesia,
a feature in the surgeon's career which
impressed very strongly the public gen-
erally as well as those immediately con-
nected with the operation. It is inter-
esting to recall that Sir James Simpson
of Edinburgh, shortly after beginning
his professional studies, was so affected
by "seeing the terrible agony of a poor
Highland woman under amputation of
the breast" that he resolved to abandon
a medical career and seek other occupa-
tion. Happily his intention was recon-
sidered, and he returned to his studies,
asking himself, "Can anything be done
to make operations less painful?" and,
as every one knows, in less than 20
years he became a high priest of anes-
thesia and the introducer into surgical
and obstetrical practice of ether's great
rival, chloroform.

"No braver or more gallant gen-
tleman ever lived than Admiral Viscount
Nelson, and after his right elbow had
been shattered by a French bullet in the
assault at Tenerife he manifested the
utmost courage, refusing to be taken to
the nearest ship lest the sight of his in-
jury should alarm the wife of a fellow
officer whose own fate was uncertain,
and when his own ship was reached he
climbed up its side without assistance,
saying: 'Tell the surgeon to make haste
and get his instruments. I know I must
lose my right arm, so the sooner it is off
the better.' He underwent the amputa-
tion," we learn from a private letter of
one of his midshipmen, "with the same
firmness and courage that have always
marked his character." And yet so pain-
fully was he affected by the coldness of
the operator's knife that when next go-
ing into action at the famous battle of
the Nile he gave standing orders to his
surgeons that hot water should always
be kept in readiness during an engage-
ment, so that if another operation should
be required he might at least have the
poor comfort of being cut with warm
instruments.

"On the side of the surgeon we find
throughout the ages a constant effort to
diminish the terrors of operations and a
continuous reprobation of the distress-
ful, not to say cruel, modes of prac-
tice adopted by preceding generations.
And yet the time is not very far distant
from ours when they lopped off a limb
by striking it violently with a heavy
knife; that time when they knew nei-
ther how to stop nor how to prevent
hemorrhage but by burning the part
where the blood jetted with boiling oil
or the red-hot iron; that time when sur-
geons armed themselves at every mo-
ment with pinchers, with burning can-
teries and with instruments the repre-
sentations even of which cause terror.

"But the presence of pain was not the
only evil dreaded by our predecessors in
attempting important operations. The
great risk of fatal accident from some in-
voluntary movement of the patient was
constantly present to the mind of the
conscientious surgeon. 'How often,' says
Dr. Valentine Mott, 'when operating in
some deep, dark wound, along the course
of some great vein, with thin walls al-
ternately distended and flaccid with the
vital current—how often have I dreaded
that some unfortunate struggle of the
patient would deviate the knife a little
from its proper course and that I, who
fain would be the deliverer, should in-
voluntarily become the executioner, see-
ing my patient perish in my hands by
the most appalling form of death! Had
he been insensible I should have felt no
alarm.'

"Coming down to the days more im-
mediately preceding the date of the
great discovery, we find that opium and
alcohol were the only agents which con-
tinued to be regarded as of practical
value in diminishing the pain of opera-
tions, though the attendant disadvan-
tages of their employment were of course
recognized. Meanwhile facts were accu-
mulating the significance of which we
now plainly recognize, but which ex-
cited no attention.

"Sir Humphry Davy, in the early
days of the nineteenth century, suggest-
ed the use of nitrous oxide gas as an
anesthetic in minor operations, and it
was the custom at some of our medical
schools—at the University of Pennsyl-
vania, for one—for students to breathe
'laughing gas,' as it was then called,
for diversion. But yet—and yet—sur-
geons went on, in every country, cutting
and burning, and patients went on
writhing and screaming, until on the
16th day of October, in the year 1846,
in the Massachusetts General hospital,
Dr. John C. Warren painlessly removed
a tumor from a man who had previously
been etherized by Dr. William T. G.
Morton, and surgical anesthesia be-
came the priceless heritage of the civi-
lized world."

ROBINSON CRUSOE'S ISLAND.

Ship Captains Report That It Has Gone
Out of Sight.

San Francisco, Dec. 26.—A few weeks
ago a vessel putting in at Lisbon after
a trip around Cape Horn, reported the
destruction by volcanic action of the
Juan Fernandez island, famous as the
fabled home of Robinson Crusoe. The
master claimed to have seen the cat-
astrophe from the deck of his vessel.
The report was not given credence at
the time by scientific men, and many
denials were printed in papers and
magazines. But Captain Powell, of the
British ship James Kerr, now in port,
asserts that the story is generally be-
lieved by seafaring men all over the
world.

The James Kerr recently arrived from
Newcastle, N. S. W., where she was laid
up for four months on account of the
coal mine strike. Captain Powell met a
very large number of master mariners
there, and says that the destruction of
the island was a matter of common
gossip among them. The captain him-
self has not passed within sight of the
island since 1889, when he secured an
excellent photograph of it from the
deck of his ship. He says that some of
the captains who arrived in Newcastle
while he was there verified the report
that the island was missing.

ANNA HELD AS A STREET SINGER.

Pittsburg, Dec. 26.—Anna Held, the
beautiful French chanteuse who is
filling an engagement at the Grand
Opera House with the Evans and Hoey
"A Parlor Match" company, Thursday
introduced for the first time in America
the French Christmas custom of street
singing for "sweet charity's sake." Her
efforts were successful beyond expecta-
tions, and Le Grand White, who had
the "concert" in charge, turned over to
the Humane society \$305, the proceeds of
the unique entertainment.

The lower portion of Fifth avenue
was peopled by a dense throng when the
fair singer made her appearance, and
the substantial applause in the way of
bills and silver given her rendition of
"I Want You, Mah Honey," was gener-
ous in the extreme. The principal
clubs were afterwards visited, where Miss
Held, on request, auctioned her photos,
some of them bringing as high as \$10.

SPENDS HIS CHRISTMAS IN JAIL.

Young Indian Took Too Much Risk for
the Holiday.

Vincennes, Ind., Dec. 26.—Eighteen
months ago William Autler, of this
county, is alleged to have forged the
names of several prominent farmers to
notes and realized on them, then left to
avoid arrest. Wednesday night he re-
turned to spend Christmas with his
parents in the guise of a tramp, and was
arrested for vagrancy, and when com-
mitted to jail Turnkey Burnett
recognized him. He entered a plea of
guilty, and will probably be sent to the
state prison. Autler is only 22 years old.

Miss Willard Not at All Well.

Buffalo, N. Y., Dec. 26.—A special to
The Commercial from Warsaw quotes
Dr. Green, the physician in attendance
on Miss Frances E. Willard at the Cas-
tle Sanitarium, as saying that al-
though her condition at present is seri-
ous he is sanguine that she will be fully
restored eventually, but she will have
to remain at the sanitarium some
months for treatment. All of Miss Wil-
lard's engagements, including her Cal-
ifornia speaking trip, where she ex-
pected to be about Feb. 1, have been
canceled.

Hanna Must Take Some Rest.

Cleveland, Dec. 26.—A warning to
cease his aggressive and indefatigable
labors has come to Chairman M. A.
Hanna. It was announced Thursday
night that he was suffering from that
miserable trouble, insomnia, and would
probably be forced to remain quiet for
several days. The family physician
says that Mr. Hanna is broken down
and advises a rest.

Queen Lil at Washington.

Washington, Dec. 26.—Queen Liluolani,
who is on her way to New Eng-
land, arrived in Washington on the
train from the south Thursday. She
was asleep and could not be interviewed.

Tacoma, Wash., Paved with Gold.

Tacoma, Wash., Dec. 26.—The dis-
covery is made that the pavement used
for the state capital is rich in gold and
a movement is on foot to take up the
pavement and extract the gold.

THE NEWS IN BRIEF.

The schooner Calvin B. Orcutt ran
on the Chatham (Mass.) bar during the
night and was wrecked. The crew were
all drowned.

General Meredith Reed, formerly
United States minister to Greece, is
seriously ill at Paris. He is suffering
from bronchitis. He was born in 1837.

The directors of the Delaware, Lacka-
wanna and Western railway have de-
clared the regular quarterly dividend
of 1 1/2 per cent. payable Jan. 20.

Albert Matzecke, aged 44 years, a
German with a fine education, and a
bent for invention, committed suicide
at St. Louis. Insanity, probably.

Nicholas Chunk, one of the men
injured by the explosion of gas in the
Baltimore mine at Wilkesbarre, Pa., on
Monday last, died Thursday. All the
others will recover.

Peter Cannon, of Belfast, the oldest
person in New York state, is dead, aged
118 years. He was born in County Mayo,
Ireland.

The Argentine (Argentina) Times
states that 700,000 tons of wheat will be
available for export from Buenos Ayres
and Santa Fe.

The temperature was 16 degrees be-
low zero at Kingston, N. Y., at 8 o'clock
Thursday morning and 20 in the Cat-
skills.

The aggregate of gross earnings of
all railroads in the United States re-
porting for the first half of December
or a part thereof, is \$2,017,126, a de-
crease of 4.5 per cent. compared with
last year, and 11.4 per cent. compared
with the corresponding time of 1892.

A Paris dispatch to the London Times
says that M. Nobel has bequeathed a
fortune estimated at \$10,000,000 to the
Stockholm university.

A dispatch from Montevideo says
that a decree has been issued restoring
the liberty of the press in Uruguay.

No Market Report.

Chicago, Dec. 26.—Christmas being a holiday
all the exchanges were closed and there are no
market quotations.

HOW SHE HELD THE TRAIN.

A Woman's Strategy That Enabled Her
Daughter to Go to Town.

"Before I came to this part of the
country I was an engineer on a railroad
down south," said a railway man. "We
used to make a long run, and we were
pretty slow about it. While on that line
I had some very odd experiences. I re-
member one day, when we reached the
junction station, a woman came up to
me and asked me to hold the train for
five minutes. She said that her daugh-
ter wanted to take the train to the city.
I told her that it was impossible for me
to hold the train for her."

"I don't see why," she expostulated.
"I think you might do a little thing like
that."

"I tried to explain to her that trains
ran on schedule time, and, like time and
tide, wait for no man, or woman either,
for that matter. But she wouldn't have
it, and finally, just as we were about to
start, she shouted indignantly:

"Well, I'll just see about that."

"I laughed, but soon I ceased to
laugh, for what did that old woman do
but get right on the track about three
feet in front of the engine. She sat her-
self there, firmly grasping hold of the
rails with both hands. The conductor
signaled for me to go ahead, as our stop
was over. But I couldn't do it as long
as she remained on the track, for I
would kill her certainly. I called to the
conductor, and he, impatient at the de-
lay, came up. I explained the situation
to him. He was as mad as I was and
going up to the woman told her to get
off the track.

"I just won't," she replied, 'until
my daughter gets on board your train.'
"He pleaded with her some more and
finally declared that he would be com-
pelled to use force.

"Just you dare!" she cried. "I'll sue
you for damages if you do."

"This opened a new complication,
and we reasoned with ourselves whether
we had better remove her by force. Just
as we had determined upon a course of
policy her daughter came up and seeing
the old woman on the track kissed her
goodby and got on the train, while her
mother called to her:

"Go ahead, Mary Ann. You have
plenty of time, though, for I will sit on
the track until you get on board."

"And then, when Mary Ann was safe-
ly on board and we were about ready
to run over the old woman, if necessary,
she calmly and slowly got up and waved
me a goodby, calling as we pulled out
of the station:

"I hope I've taught you fellows a
grain of perliteness."—Chicago Times-
Herald.

HISTORIC SLAVE AUCTION.

The Sale of Pinky Said to Have Inspired
the Emancipation Proclamation.

In The Ladies' Home Journal Mrs.
Henry Ward Beecher writes of "When
Mr. Beecher Sold Slaves in Plymouth
Pulpit." Recalling the historic sale of
Pinky, Mrs. Beecher gives these details:
"An old colored woman had written to
Mr. G. Faulkner Blake, the brother of
one of our church members, that her lit-
tle grandchild, named Pinky, was too
fair and beautiful for her own good, and
was about to be sold 'down south,' and
Mr. Blake asked if she could be freed.
"Not unless you bring her north," replied
Mr. Beecher. 'I will be responsible for
her, and she shall be lawfully purchas-
ed or sent back.' The answer was a
compliment, to which Mr. Beecher
laughingly referred as the only tribute
ever paid to him by a slave owner. 'If
Henry Ward Beecher has given his
word,' wrote the dealer, 'it is better
than a bond.'

"So Pinky was brought to Plymouth
church and placed upon the pulpit, as
Sarah, another slave, previously had
been. The scene was again one of in-
tense enthusiasm. Rain never fell fast-
er than the tears of the congregation.
The pretty child, the daughter of a
white father, was bought and over-
bought. Rose Terry—afterward Mrs.
Rose Terry Cooke, the famous authoress
—threw a valuable ring into the basket,
and Mr. Beecher picked it out and put
it upon Pinky's finger, saying, 'Remember—
with this ring I do wed thee to
freedom.' * * * President Lincoln took
a lively interest in the case of Pinky,
the details of which were related to him
by Chief Justice Chase and by Mr.
Beecher. I was not in Washington with
my husband at the time, and therefore
cannot verify the story that the sale of
Pinky inspired President Lincoln to is-
sue the almost divine proclamation of
emancipation."

Two Yorkshire Stories.

The sturdiness of the north and its
rather grim self will be admirably il-
lustrated by two Yorkshire anecdotes. A
landlord of very old family proposed to
make an alteration in one of his tenant's
farm buildings, which the tenant de-
clined to permit, whereupon the land-
lord remarked very mildly that, after
all, the building was his own. There-
upon the tenant rejoined, "Nay, my
forefather went to the crusades with
your forefather, and you shan't touch a
stone of it."

Again, a daughter of one of the lead-
ing citizens of a Yorkshire town hinted
to her father's gardener that the family
would like to appropriate the greenhouse
to the purposes of a viney, whereupon
she was told to let her father know "he
may just choose betwixt me and the
grapes." Of course the proposal was
abandoned.

A Wonderful Island of Chalk.

The English island of Thanet, form-
ing a part of the county of Kent, is al-
most wholly composed of chalk. The
island is 10 miles in length and about 5
in breadth and has more chalk exposed
on its surface than has any other spot
of equal area on the globe. British geol-
ogists say that there are not less than
42,000,000,000 tons of chalk "in sight"
on Thanet, and that it would take 10,000
men and 5,000 horses and carts 20,000
years to move it, providing it were dug
up ready to be carted away.—St. Louis
Republic.

New Year's Gifts

Just the thing for gentlemen can be found by
their lady friends at

W. A. Washburn Co.'s

Special line of Ties. Also

: Handkerchiefs:

In Silk and Fine Linen. Novelties in

Suspenders, Scarf Pins,
Link Cuff Buttons, Etc.

These goods are specialties put in for the
holiday trade.

W. A. WASHBURN CO.

HANCOCK, MICH.

McGLYNN BROS.,

CONTRACTORS & BUILDERS

Of all kinds of brick and stone work.
Prices on application.

HANCOCK MICH.

R. H. TIME-TABLES.

Passenger Trains on M. R. R. R.

In effect December 29, 1896.

R. R. TIME-TABLES.

Passenger Trains on M. R. R. R.

In effect December 29, 1895.

am	pm	pm	Ar	pm	pm	Ar
7.45	12.15	6.00	Red Jacket.....	8.30	2.40	10.10
7.51	12.21	5.06	Laurium.....	8.34	2.44	10.16
7.57	12.27	5.12	Osceola.....	8.38	2.48	10.22
8.03	1.05	5.30	Hancock.....	7.40	1.58	9.20
8.40	1.10	5.55	Houghton.....	7.50	1.40	9.05
am	pm	pm	Ar	pm	pm	Ar

* Daily. * Daily except Sunday.

Passenger Trains on H. & C. R. R.

In effect December 29, 1896.

In effect December 26, 1956.						
a	m	p	m	Ar	p	m
a	m	p	m	Ar	p	m
7.45	12.15	5.00	Lake Linden	8.30	2.40	10.10
7.47	12.17	5.02	Linwood	8.32	2.42	10.12
7.50	12.20	5.03	S. Linden	8.35	2.45	10.15
7.53	12.23	5.04	Mill	8.40	2.50	10.20
7.58	12.28	5.09	Woodside	8.50	2.51	10.31
8.02	12.34	5.19		9.00	3.00	10.40
8.07	12.37	5.22	Dollar Bay	9.08	3.08	10.48
8.25	12.53	5.40	Hancock	9.40	3.40	11.00
8.40	1.10	5.53	Houghton	9.50	3.40	11.10
a	m	p	m	Ar	p	m
a	m	p	m	Ar	p	m